

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

**Unit Definitions:**    **S.Y.** (Square Yards),    **M.S.F.** ( 1,000 Square Feet),    **S.F.** (Square Feet),    **L.F.** (Linear Feet),    **C.Y.** (Cubic Yard),    **EA.** (Each),    **HR.** (Hour),  
**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

### PL-566

Number	Item	Unit	051
1.2.1	Fertilizer 0-10-40- .2 boron	TON	\$252.00
1.2.2	Fertilizer 10-10-10	TON	\$196.50
1.2.3	Fertilizer 10-10-10 (50 lb bags)	TON	\$226.65
1.2.4	Fertilizer 10-20-10	TON	\$242.35
1.2.5	Fertilizer 14-30-15 (corn starter)	TON	\$287.00
1.2.7	Fertilizer 23-12-18	TON	\$296.90
1.2.8	Ammonium sulfate (NH4) 2S04 0-0-20 w/24% sulfur	TON	\$385.00
1.2.9	DAP 18-46-0	TON	\$307.00
1.2.10	Foliar nutrient application on vegetables, (not including equipment)	ACRE	\$15.00
1.2.11	Hi-Mag lime	TON	\$45.00
1.2.12	Lime (bulk) Not including trucking or spreading	TON	\$13.25
1.2.13	Lime (calcium) delivered and spread	TON	\$32.75
1.2.14	Lime (calcium) in 50# bags	TON	\$100.00
1.2.15	Lime-Ash	TON	\$28.00
1.2.16	MAP 11-52-0	TON	\$290.00
1.2.17	Nitrogen (chemical)	LB	\$0.33
1.2.18	Organic Soil Amendments - Chilean Nitrate 16-0-0	TON	\$466.00
1.2.19	Organic Soil Amendments - Nitrogen	LB	\$1.49
1.2.20	Organic Soil Amendments - Phospate rock 0-30-0 (6-8%available)	TON	\$296.00
1.2.21	Organic Soil Amendments - Phosphorus (plant available form)	LB	\$1.70
1.2.22	Organic Soil Amendments - Potassium	LB	\$0.79
1.2.23	Organic Soil Amendments - Sulphate of Potash 0-0-52	TON	\$607.00
1.2.24	Organic Soil Amendments - Sul-Po-Mag 0-0-22 11Mg, 22S	TON	\$487.00
1.2.25	Phosphorus	LB	\$0.26
1.2.26	Potash 0-0-60	TON	\$223.00
1.2.27	Potassium	LB	\$0.14
1.2.28	Urea 46-0-0	TON	\$309.00
1.2.29	Herbicides, cost per acre (for corn)	ACRE	\$29.60
1.2.30	Soil test, (standard agricultural soil test)	EA.	\$15.00
1.3.1	"Conservation Mix"	LB.	\$2.00
1.3.3	"Pasture Mix" (Typical Cool Season) (organic)	LB.	\$3.70
1.3.5	Alfalfa	LB.	\$2.50
1.3.6	Alfalfa (leaf hopper resistant)	LB.	\$3.17
1.3.7	Alfalfa (organic)	LB.	\$3.20
1.3.8	Annual ryegrass	LB.	\$0.70
1.3.10	Barley (organic)	LB.	\$0.36

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**L.C.Y.** (100 Cubic Yards),   **V.F.** (Vertical Feet),   **B.F.** (Board Feet),   **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
1.3.11	Birdsfoot trefoil	LB.	\$3.00
1.3.13	Buckwheat (organic)	LB.	\$1.30
1.3.14	Chickory (organic)	LB.	\$6.70
1.3.15	Clover - Alsike	LB.	\$1.45
1.3.16	Clover - Alsike (organic)	LB.	\$3.25
1.3.17	Clover - Dutch white (organic)	LB.	\$2.60
1.3.18	Clover - Ladino	LB.	\$3.15
1.3.19	Clover - Mammoth red	LB.	\$1.75
1.3.20	Clover - Red	LB.	\$1.65
1.3.21	Clover - Red (organic)	LB.	\$4.15
1.3.22	Clover - White	LB.	\$3.10
1.3.23	"Pasture Mix" (Typical Cool Season)	LB.	\$2.50
1.3.24	Creeping Red Fescue	LB.	\$1.25
1.3.26	Hairy Vetch	LB.	\$1.95
1.3.27	Hairy Vetch (organic)	LB.	\$2.45
1.3.28	Kentucky Bluegrass	LB.	\$1.65
1.3.30	Millet, Japanese	LB.	\$1.00
1.3.32	Oats, bulk	LB.	\$0.20
1.3.33	Oats (organic)	LB.	\$0.35
1.3.34	Orchardgrass	LB.	\$1.80
1.3.35	Orchardgrass (organic)	LB.	\$3.05
1.3.36	Perennial Ryegrass (Pennfine)	LB.	\$1.25
1.3.37	Rape (organic)	LB.	\$0.79
1.3.38	Reed Canarygrass (requires approval)	LB.	\$2.55
1.3.39	Smooth Bromegrass	LB.	\$1.80
1.3.40	Sudangrass (organic)	LB.	\$0.72
1.3.41	Tall Fescue (Ky-31) (requires approval)	LB.	\$1.70
1.3.42	Tall Fescue (Low Endophyte ) (requires approval)	LB.	\$1.50
1.3.43	Tall fescue (Low Endophyte) (organic) (requires approval)	LB.	\$3.10
1.3.44	Timothy	LB.	\$1.35
1.3.45	Timothy (organic)	LB.	\$2.40
1.3.46	Triticale (organic)	LB.	\$0.77
1.3.47	Wetland Mix	LB.	\$55.00
1.3.48	Wildflower mix	LB.	\$37.00
1.3.50	Winter Cereal Rye (in 50 lb bulk bags)	LB.	\$0.23
1.3.51	Winter Cereal Rye (organic)	LB.	\$0.50

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Number	Item	Unit	051
1.3.53	Barley	LB.	\$0.25
1.3.54	Buckwheat	LB.	\$0.60
1.3.55	Creeping Fox Tail	LB.	\$6.25
1.3.56	Millet, Japanese (Organic)	LB.	\$1.50
1.3.57	Perennial Ryegrass (Organic)	LB.	\$2.65
1.3.58	Perennial Pea	LB.	\$20.00
1.3.59	Rape	LB.	\$1.10
1.3.60	Red Top	LB.	\$4.20
1.3.61	Sudangrass	LB.	\$0.40
1.3.62	Triticale	LB.	\$0.26
1.3.63	Inoculants (treats 50-60 lbs of legme)	PKG	\$3.70
1.4.1	Big Bluestem	LB.	\$12.00
1.4.2	Deertongue	LB.	\$16.00
1.4.3	Indiangrass	LB.	\$12.00
1.4.4	Little Bluestem	LB.	\$15.50
1.4.6	Sand Lovegrass	LB.	\$9.25
1.4.7	Switchgrass	LB.	\$7.85
1.13.1	Mulch, hay -- hand applied	ACRE	\$516.00
1.13.2	Soil preparation, mulching, hay, 1" deep, power mulcher, small	M.S.F.	\$61.37
1.13.3	Soil preparation, mulching, hay, 1" deep, power mulcher, large	M.S.F.	\$57.81
1.13.8	Hydroseeding / Mulching on critical area	ACRE	\$1,913.00
1.13.9	Mulch, straw -- cost per 40 lb bale	EA.	\$5.20
1.13.10	Wood chips	S.Y.	\$1.12
1.14.1	Seed, Lime, Fertilize & Mulch - meets VT Eng. Spec. #52	ACRE	\$1,179.41
1.14.2	Broadcasting Seed (not including seed)	ACRE	\$10.40
1.14.3	Broadcasting Seed, (by hand) (Not including seed)	ACRE	\$10.50
1.14.4	Seeding, mechanical apply limestone, 50 lbs per M.S.F., hand push spreader	M.S.F.	\$5.94
1.14.5	Seeding, mechanical seeding grass seed, 4.5 lbs per M.S.F., hand push spreader	M.S.F.	\$21.29
1.15.1	Conservation Cover (327)-plow, harrow, lime, NPK, weed spray & seed	ACRE	\$164.90
1.15.2	Contour Buffer Strips (332)-plow, harrow, orchardgrass & clover	ACRE	\$149.15
1.15.3	Contour Farming (330)-plow & harrowing	ACRE	\$28.40
1.15.5	Critical Area Planting (342)-plow, harrow, lime, NPK, seed & mulch	ACRE	\$561.40
1.15.6	Critical Area Planting-Warm Season (342)- lime, seed & mulch	ACRE	\$1,140.48
1.15.7	Field Border 30' width (386)-plow, harrow,lime, NPK & seed	ACRE	\$218.00
1.15.8	Filter Strip (Agronomic 393)-plow, harrow, lime, NPK, & seed	ACRE	\$193.10
1.15.9	Pasture & Hayland Planting (512)-plow, harrow,lime, NPK & seed	ACRE	\$288.68

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Number	Item	Unit	051
1.15.10	Pasture & Hayland Planting(2) (512)-plow, harrow,lime, NPK & seed	ACRE	\$387.98
1.15.11	Pasture & Hayland Planting(3) (512)-organic NPK and clover	ACRE	\$171.40
1.15.12	Residue Mngt (Mulch Till) (329B) - chisel plow	ACRE	\$16.40
1.15.13	Residue Management (No Till/Strip Till) (329A)-no till and spraying	ACRE	\$56.03
1.15.14	Riparian Herbaceous Buffer (390) - plow, harrow, lime, NPK & conser. Mix	ACRE	\$256.10
1.15.15	Riparian Herbaceous Buffer(2) (390) - spray, no-till and seed	ACRE	\$336.63
1.15.16	Brush Management (314)-Delayed Mowing/Brushhogging, light duty	ACRE	\$28.00
1.15.17	Cover & Green Manure Crop (340)-harrowing, seed & no till	ACRE	\$48.53
1.15.18	Critical Area Planting-Warm Season w/ machine time (342)- dozer, lime, seed & mulch	ACRE	\$1,676.33
1.15.19	Fence (382)-4 strand HT w/ wire gate	L.F.	\$2.00
1.15.20	Fence - 30 ac. Pasture (382) - 4 strand HT, gates, charger & corners	ACRE	\$11,285.12
1.15.21	Fence - 60 ac. Pasture (382) - 4 strand HT, gates, charger & corners	ACRE	\$18,682.68
1.15.22	Fence - 10 ac. Pasture (382) - 4 strand HT, gates, charger & corners	ACRE	\$6,181.56
1.15.23	Field Border 50' width (386)-plow, harrow,lime, NPK & seed	ACRE	\$218.00
1.15.24	Field Border for Pollinators (386)-plow, harrow,lime, NPK, seed & trees.	ACRE	\$668.60
1.15.25	Forest Stand Improvement (666) -marking & cutting	ACRE	\$180.00
1.15.26	Forest Stand Improvement (666) -marking & girdling	ACRE	\$130.00
1.15.27	Hedgerow Planting (422) - 2 rows	L.F.	\$1.80
1.15.28	Hedgerow Planting (422) - 4 rows	L.F.	\$3.60
1.15.29	Pipeline (643)-1" pipeline laid on ground	L.F.	\$0.50
1.15.30	Pipeline (2) (643)-3/4" pipeline laid on ground	L.F.	\$0.40
1.15.31	Pipeline (3) (643)-1 1/4" pipeline laid on ground	L.F.	\$1.55
1.15.32	Riparian Forest Buffer (391) - 200 trees, 1.0 acre RFB, mats & protectors	ACRE	\$1,750.00
1.15.33	Riparian Forest Buffer (2) (391) - 200 trees, 1.0 acre RFB, no protectors or mats	ACRE	\$900.00
1.15.34	Riparian Forest Buffer (391) - 300 trees, 1.0 acre RFB, mats & protectors	ACRE	\$2,600.00
1.15.35	Riparian Forest Buffer (4) (391) - 300 trees, 1.0 acre RFB, no protectors or mats	ACRE	\$1,400.00
1.15.36	Strip Cropping (585)-plow, harrow,lime, NPK & seed	ACRE	\$130.00
1.15.37	Tree & Shrub Establishment (612)- 400 hardwood trees, mats & protectors	ACRE	\$3,580.00
1.15.38	Watering Facility - Moveable (614) - 35 gal poly, valves & float	EA.	\$76.46
1.15.39	Watering Facility (614) - 70 gal poly, valves & float	EA.	\$144.46
1.15.40	Watering Facility 150 gal (614) - 150 gal poly, valves, float, geotextile & gravel.	EA.	\$642.46
1.15.41	Windbreak/Shelterbelt Establishment (380) - 50 trees, two rows, 300' long	L.F.	\$2.00
1.15.42	Windbreak/Shelterbelt Establishment (2) (380) - 90 trees, three rows, 300' long	L.F.	\$2.80
1.15.43	Fence (382)-2 strand electric w/ wire gate	L.F.	\$1.35
1.15.44	Tree & Shrub Establishment (2) (612) - 500 native conifers per acre, site prep.	ACRE	\$2,350.00
1.15.45	Tree & Shrub Establishment (3) (612) - 200 mixed conifers & deciduous	ACRE	\$940.00

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Number	Item	Unit	051
1.15.46	Waste Utilization - spreading liquid manure	ACRE	\$33.85
1.18.1	Site preparation - mechanical	ACRE	\$100.00
1.18.2	Site preparation- chemical	ACRE	\$200.00
1.18.3	Tree or shrub, deciduous - 1-2 ft bare root	EA.	\$1.00
1.18.4	Tree or shrub, deciduous - 2-3 ft bare root	EA.	\$2.00
1.18.5	Tree or shrub, deciduous - 3-4 ft bare root	EA.	\$2.50
1.18.6	Tree or shrub, deciduous - 4-5 ft bare root	EA.	\$5.00
1.18.7	Tree or shrub, conifer - 1-2 ft bare root	EA.	\$2.00
1.18.8	Tree or shrub, conifer - 2-3 ft bare root	EA.	\$4.00
1.18.9	Tree or shrub, conifer - 3-4 ft bare root	EA.	\$6.00
1.18.10	Tree or shrub, conifer - 4-5 ft bare root	EA.	\$8.00
1.18.11	Tree or shrub, deciduous - 6-8 ft balled root	EA.	\$12.00
1.18.12	Tree or shrub, deciduous - 8-10 ft balled root	EA.	\$15.00
1.18.13	Tree or shrub, deciduous - 10-12 ft balled root	EA.	\$20.00
1.18.14	Tree or shrub, conifer - 3-4 ft balled root	EA.	\$8.00
1.18.15	Tree or shrub, conifer - 4-5 ft balled root	EA.	\$12.00
1.18.16	Tree or shrub, conifer - 5-6 ft balled root	EA.	\$20.00
1.18.17	Tree or shrub, conifer - 6-8 ft balled root	EA.	\$35.00
1.18.18	Tree or shrub - 1-2 ft bare root, native	EA.	\$2.50
1.18.19	Tree or shrub - 3-5 ft bare root, native	EA.	\$3.50
1.18.20	Tree or shrub - 5-7 ft bare root, native	EA.	\$4.50
1.18.21	Tublings, 6" conifers	EA.	\$0.50
1.18.22	Tublings, 6" native	EA.	\$2.00
1.18.23	Tree protectors with ties	EA.	\$1.00
1.18.24	Brush mats with staples - 2x2 ft	EA.	\$0.70
1.18.25	Brush mats with staples - 3x3 ft	EA.	\$1.00
1.18.26	Stakes - 4 ft hardwood	EA.	\$0.50
1.18.27	Labor - planting tree or shrub only	EA.	\$2.00
1.18.28	Labor - planting tree or shrub with protector, mat and stake	EA.	\$4.00
1.18.29	Tree or Shrub, labor, protector, mat and stake	EA.	\$8.70
1.18.30	Forestry, Timber Stand Improvement (TSI) girdling	ACRE	\$100.00
1.18.31	Forestry, Timber Stand Improvement (TSI) Marking	ACRE	\$30.00
1.18.32	Forestry, Timber Stand Improvement (TSI), Brush saw	ACRE	\$159.00
1.18.33	Forestry, Timber Stand Improvement (TSI), chain saw	ACRE	\$150.00
2.1.1	Asphalt, parking lots & driveways, binder course, 3" thick	S.F.	\$1.40
2.1.2	Asphalt, parking lots & driveways, binder course, 4" thick	S.F.	\$1.86

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Number	Item	Unit	051
2.1.3	Asphalt, parking lots & driveways, binder course, 2" thick	S.F.	\$0.88
2.1.4	Asphalt, parking & driveway, 6" stone base, 2" binder course, 1" topping	S.F.	\$2.91
2.1.5	Asphalt, parking lots & driveways, sand finish course, 3/4" thick	S.F.	\$0.41
2.1.6	Asphalt, parking lots & driveways, sand finish course, 1" thick	S.F.	\$0.51
2.1.7	Selective demolition, saw cutting, asphalt, up to 3" deep	L.F.	\$1.58
2.1.8	Selective demolition, saw cutting, each additional inch of depth over 3"	L.F.	\$0.79
2.1.9	Fine grading, finish grading, small area, to be paved with grader	S.Y.	\$3.75
2.1.10	Fine grade, for roadway, large area, 6,000 S.Y. or more	S.Y.	\$0.76
2.4.2	Pumping, Concrete, Footings & Slabs, 18.75cy/hr (include drive time)	HR.	\$165.00
2.4.3	Pumping, Concrete, Walls, 12.5cy/hr (include drive time)	HR.	\$165.00
2.5.0	Unreinforced Concrete	C.Y.	\$145.12
2.8.2	Hopper, Precast, 6' dia. x 6' deep, delivered, excav. not incl.	EA.	\$1,764.09
2.8.3	Hopper, Precast, 6' dia. x 8' deep, delivered, excav. not incl.	EA.	\$2,101.57
2.8.4	Conc. Hopper, 6'x6'x8', 8" Wall & Floor, No Exc. or Drainage, 6" Drainfill	E.A.	\$3,328.26
2.9.1	Curb, Concrete, 6"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$19.64
2.9.2	Curb, Concrete, 6"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$12.40
2.9.3	Curb, Concrete, 8"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$13.08
2.9.4	Slab, Concrete, 4", 3000psi, Curing compd., saw 10' o.c.	C.Y.	\$171.51
2.9.5	Curb, Concrete, 8"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$21.14
2.9.6	Curb, Concrete, Speed Bump, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$13.08
2.9.8	Concrete finishing, floor, dustproofing, epoxy-based, clear, 1 coat	S.F.	\$0.32
2.9.9	Concrete finishing, floor, dustproofing, epoxy-based, clear, 2 coats	S.F.	\$0.47
2.9.10	Slab, Concrete, 4", 3000psi, WWF, Curing compd., saw 10' o.c.	C.Y.	\$203.60
2.9.11	Slab, Concrete, 5", 3000psi, Curing compd., #4@18" e.w.	C.Y.	\$255.57
2.9.14	Concrete finishing, walls, includes breaking ties and patching voids	S.F.	\$0.56
2.9.15	Construction Joint - floor, sawed, backer rod and waterstop	L.F.	\$2.69
2.10.1	4'-8' Conc. Wall, 3000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$318.46
2.10.2	4'-8' Conc. Wall, 3000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$355.33
2.10.3	4'-8' Conc. Wall, 3000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$337.47
2.10.4	4'-8' Conc. Wall, 3000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$369.47
2.10.5	4'-8' Conc. Wall, 4000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$325.29
2.10.6	4'-8' Conc. Wall, 4000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$346.63
2.10.7	4'-8' Conc. Wall, 4000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$344.30
2.10.8	4'-8' Conc. Wall, 4000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$376.30
2.10.9	10' Conc. Wall, 3000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$350.26
2.10.10	10' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$367.96

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2.10.11	10' Conc. Wall, 3000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$365.15
2.10.12	10' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$391.84
2.10.13	10' Conc. Wall, 4000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$357.09
2.10.14	10' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$374.79
2.10.15	10' Conc. Wall, 4000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$371.98
2.10.16	10' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$398.67
2.10.17	12' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$366.32
2.10.18	12' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$373.16
2.10.19	12' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$391.84
2.10.20	12' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$398.67
2.11.1	Concrete Footing, 10" thick, > 3' wide, reinforced, #4 & #5	C.Y.	\$334.74
2.11.2	Concrete Footing, 10" thick, < 3' wide, reinforced, #4 E.W. Typ.	C.Y.	\$352.29
2.12.1	Waterstop, PVC or Bentonite type	L.F.	\$3.28
2.12.2	6" Pipe Penetration Seal, modular, links & bolts	EA.	\$152.76
2.12.3	8" Pipe Penetration Seal, modular, links & bolts	EA.	\$174.74
2.13.1	Demolition-footing, floor, concrete slab on grade, plain concrete, 4" thick	S.F.	\$4.09
2.13.2	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 4" thick	S.F.	\$4.35
2.13.3	Demolition-footings, floors, concrete slab on grade, plain concrete, 6" thick	S.F.	\$5.45
2.13.4	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 6" thick	S.F.	\$6.01
2.13.5	Minor demolition, slab on grade, plain, remove, excludes hauling	C.Y.	\$72.51
2.13.6	Minor demolition, slab on grade , wwf, 8" thick, remove, exc. hauling	C.Y.	\$98.87
2.13.7	Minor demolition, slab on grade , rebar, 8" thick, remove, exc. hauling	C.Y.	\$130.89
2.13.8	Cutout demolition, slab on grade, non-reinforced, to 6" thick, under 8 S.F., excludes loading and disposal	S.F.	\$24.02
2.13.9	Cutout demolition, slab on grade, non-reinforced, to 6" thick, 8-16 S.F., excludes loading and disposal	S.F.	\$11.63
2.13.10	Saw cutting, concrete slabs, mesh reinforcing, per inch of depth to 3" deep	L.F.	\$1.76
2.13.11	Saw cutting, concrete slab, rebar, each additional inch of depth over 3"	L.F.	\$0.96
2.14.0	Block, Concrete, non keyed, 4'x2'x2' or 4'x4'x2'	EA.	\$51.13
2.14.1	Block, Concrete, keyed, 6'x2'x2'	EA.	\$117.61
2.15.0	Fibrous reinforcing, synthetic fibers, add to concrete, 1-1/2 lb. per C.Y.	C.Y.	\$6.35
2.15.1	Concrete testing, compressive strength test, incl. delivery to lab per cylinder	Ea.	\$13.00
2.15.2	Concrete testing, compressive strength test, incl. picked up by lab, average	Ea.	\$20.00
2.15.3	Fibrous reinforcing, steel fibers, add to concrete, 25 lb. per C.Y.	C.Y.	\$11.87
2.15.4	Winter Protection, for heated ready mix, includes material only, add, max.	C.Y.	\$9.77
2.15.5	Winter Protection, for heated ready mix, includes material only, add, min.	C.Y.	\$7.83
2.15.6	Winter Protection, protecting concrete and temp heat	M.S.F.	\$342.11
2.15.8	Winter Protection, temp. shelter, slab on grade, wood frame and poly, max.	M.S.F.	\$588.21



## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

**Unit Definitions:**    **S.Y.** (Square Yards),    **M.S.F.** ( 1,000 Square Feet),    **S.F.** (Square Feet),    **L.F.** (Linear Feet),    **C.Y.** (Cubic Yard),    **EA.** (Each),    **HR.** (Hour),  
**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
2.15.9	Winter Protection, temp. shelter, slab on grade, wood frame and poly, min.	M.S.F.	\$399.49
3.1.0	Chisel Plow	ACRE	\$16.40
3.1.1	Disk Plow	ACRE	\$15.70
3.1.2	Harrowing	ACRE	\$12.70
3.1.3	Disc Harrow in tandem w/cultipacker	ACRE	\$15.25
3.1.4	Molboard plow (stubble)	ACRE	\$17.60
3.1.5	Molboard plow (sod)	ACRE	\$21.15
3.1.6	Cultipaking (14')	ACRE	\$15.75
3.1.7	Cultivating	ACRE	\$11.80
3.1.8	Conventional Seeding (alfalfa, clover, etc., not including seed)	ACRE	\$15.40
3.1.9	No-till drill	ACRE	\$17.43
3.1.10	Frost seeding legumes (Including 2 ton lime, fertilizer K, seed)	ACRE	\$158.00
3.1.11	Disking, Tandem	ACRE	\$13.00
3.1.12	Manure spreading (liquid manure)	HR.	\$67.70
3.1.13	Manure pumping	HR.	\$33.20
3.1.14	Manure loading	HR.	\$48.40
3.1.15	Deep plowing (10" or more)	ACRE	\$19.00
3.1.16	Rotary Mower	HR.	\$10.70
3.1.17	No-till planter	ACRE	\$13.00
3.1.18	Side dressing (fertilizer not included)	ACRE	\$9.20
3.1.19	Spreading bulk liquid fertilizer (not including fertilizer)	ACRE	\$9.10
3.2.1	Mowing Hay	ACRE	\$14.15
3.2.2	Mowing/conditioning	ACRE	\$14.60
3.2.3	Raking Hay	ACRE	\$9.65
3.3.1	Manure spreading (solid manure)	HR.	\$48.50
3.3.2	Spreading Lime (lime not included)	ACRE	\$10.60
3.3.3	Spreading bulk dry fertilizer (not including fertilizer)	ACRE	\$8.30
3.3.4	Spraying for weed control (chemicals not included)	ACRE	\$9.00
3.4.1	Farm tractor with implement, labor, fuel (65 hp or less)	HR.	\$47.25
3.4.2	Farm tractor with implement, labor, fuel (140 hp)	HR.	\$73.50
3.4.3	Farm tractor with implement, labor, fuel (225 hp)	HR.	\$105.00
4.1.1	Diversion or Waterway, Grassed	L.F.	\$5.30
4.1.2	Diversion or Waterway, Grassed, w/ Erosion Control Netting	L.F.	\$6.16
4.1.3	Diversion or Waterway, Stone Centered	L.F.	\$22.50
4.2.4	Riser, perforated, for diversion or terrace 6" SDR 35	EA.	\$237.04
4.2.5	Riser, perforated, for diversion or terrace 8" SDR 35	EA.	\$446.41



## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

### PL-566

Number	Item	Unit	051
4.2.6	Riser, perforated, for diversion or terrace 10" SDR 35	EA.	\$1,020.37
4.3.1	Grate, 24" dia., Cast Iron w/ Ears	EA.	\$197.37
4.4.1	Bar Guard, 6" Heavy Duty, Trash Rack	EA.	\$51.16
4.4.2	Bar Guard, 8" Heavy Duty, Trash Rack	EA.	\$56.29
4.4.3	Bar Guard, 12" Heavy Duty, Trash Rack	EA.	\$78.89
4.4.4	Bar Guard, 18" Heavy Duty, Trash Rack	EA.	\$116.54
4.4.5	Bar Guard, 24" Heavy Duty, Trash Rack	EA.	\$161.57
5.1.1	Borrow, 1.5" Crushed Stone, 5 mile round trip (0.6 hrs)	C.Y.	\$19.11
5.1.2	Borrow, 1.5" Crushed Stone, 10 mile round trip (0.8 hrs)	C.Y.	\$20.34
5.1.3	Borrow, 1.5" Crushed Stone, 20 mile round trip (1.2 hrs)	C.Y.	\$22.81
5.1.4	Borrow, 3/4" Crushed Stone, 5 mile round trip (0.6 hrs)	C.Y.	\$19.96
5.1.5	Borrow, 3/4" Crushed Stone, 10 mile round trip (0.8 hrs)	C.Y.	\$21.19
5.1.6	Borrow, 3/4" Crushed Stone, 20 mile round trip (1.2 hrs)	C.Y.	\$23.66
5.1.7	Borrow, Bank Run Gravel, 5 mile round trip (0.6 hrs)	C.Y.	\$14.36
5.1.8	Borrow, Bank Run Gravel, 10 mile round trip (0.8 hrs)	C.Y.	\$15.59
5.1.9	Borrow, Bank Run Gravel, 20 mile round trip (1.2 hrs)	C.Y.	\$18.06
5.1.10	Borrow, Common Fill-incl. Clay, 5 mile round trip (0.6 hrs)	C.Y.	\$9.13
5.1.11	Borrow, Common Fill-incl. Clay, 10 mile round trip (0.8 hrs)	C.Y.	\$10.37
5.1.12	Borrow, Common Fill-incl. Clay, 20 mile round trip (1.2 hrs)	C.Y.	\$12.83
5.1.13	Borrow, Washed Mfg. Sand, 5 mile round trip (0.6 hrs)	C.Y.	\$21.46
5.1.14	Borrow, Washed Mfg. Sand, 10 mile round trip (0.8 hrs)	C.Y.	\$22.69
5.1.15	Borrow, Washed Mfg. Sand, 20 mile round trip (1.2 hrs)	C.Y.	\$25.17
5.1.16	Borrow, Bank Sand, 5 mile round trip (0.6 hrs)	C.Y.	\$14.36
5.1.17	Borrow, Bank Sand, 10 mile round trip (0.8 hrs)	C.Y.	\$15.59
5.1.18	Borrow, Bank Sand, 20 mile round trip (1.2 hrs)	C.Y.	\$18.06
5.1.19	Borrow, 3/4" Plant Mix, 5 mile round trip (0.6 hrs)	C.Y.	\$18.05
5.1.20	Borrow, 3/4" Plant Mix, 10 mile round trip (0.8 hrs)	C.Y.	\$19.28
5.1.21	Borrow, 3/4" Plant Mix, 20 mile round trip (1.2 hrs)	C.Y.	\$21.75
5.1.25	Borrow, Rock RipRap, 5 mile round trip (0.6 hrs)	C.Y.	\$17.97
5.1.26	Borrow, Rock RipRap, 10 mile round trip (0.8 hrs)	C.Y.	\$19.20
5.1.27	Borrow, Rock RipRap, 20 mile round trip (1.2 hrs)	C.Y.	\$21.67
5.1.28	Borrow, 1.5" Crushed Stone, 30 mile round trip (1.6 hrs)	C.Y.	\$25.27
5.1.29	Borrow, 3/4" Crushed Stone, 30 mile round trip (1.6 hrs)	C.Y.	\$26.13
5.1.30	Borrow, 3/4" Plant Mix, 30 mile round trip (1.6 hrs)	C.Y.	\$24.22
5.1.31	Borrow, 1.5" Plant Mix, 5 mile round trip (0.6 hrs)	C.Y.	\$17.48
5.1.32	Borrow, 1.5" Plant Mix, 10 mile round trip (0.8 hrs)	C.Y.	\$18.71

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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                                  **L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
5.1.33	Borrow, 1.5" Plant Mix, 20 mile round trip (1.2 hrs)	C.Y.	\$21.18
5.1.34	Borrow, 1.5" Plant Mix, 30 mile round trip (1.6 hrs)	C.Y.	\$23.65
5.1.35	Borrow, Bank Run Gravel, 30 mile round trip (1.6 hrs)	C.Y.	\$20.53
5.1.36	Borrow, Bank Sand, 30 mile round trip (1.6 hrs)	C.Y.	\$20.53
5.1.37	Borrow, Common Fill-incl. Clay, 30 mile round trip (1.6 hrs)	C.Y.	\$15.30
5.1.38	Borrow, Rock RipRap, 30 mile round trip (1.6 hrs)	C.Y.	\$24.14
5.1.39	Borrow, Washed Mfg. Sand, 30 mile round trip (1.6 hrs)	C.Y.	\$27.64
5.1.40	Topsoil, weed free, spread with dozer, includes load and haul, approx.15 miles RT.	C.Y.	\$27.37
5.2.1	4" Perf. Field Drain, 4-6' deep, bankrun gravel, incl. Mob	L.F.	\$7.78
5.2.2	4" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$8.14
5.2.4	4" Perf. Field Drain, 7-9' deep, bankrun gravel, incl. Mob	L.F.	\$9.23
5.2.5	6" Perf. Field Drain, 4-6' deep, bankrun gravel, incl. Mob	L.F.	\$8.79
5.2.6	6" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$9.15
5.2.7	6" Perf. Field Drain, 7-9' deep, bankrun gravel, incl. Mob	L.F.	\$10.24
5.2.9	Trench Drain for roof runoff, 2'w x 3' d, stone backfill	L.F.	\$9.99
5.2.10	4" Perf. Footing Drain, stone, geotextile	L.F.	\$3.24
5.2.11	4" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$9.59
5.2.12	6" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$10.60
5.2.13	4" Perf. Field Drain, 12' deep, bankrun gravel, incl. Mob	L.F.	\$16.43
5.2.14	4" Perf. Field Drain, 12' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$16.79
5.3.1	Hauling, Borrow, 2 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$7.54
5.3.2	Hauling, Borrow, 5 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$8.16
5.3.3	Hauling, Borrow, 10 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$9.41
5.3.4	Hauling, Borrow, 20 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$11.90
5.3.5	Hauling, Borrow, 1/2 mi. RT, Off Road Truck, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$11.42
6.1.5	Backfill, bulk, up to 300' haul, dozer backfilling, excludes compaction	C.Y.	\$1.50
6.1.6	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with sheepsfoot roller	C.Y.	\$3.55
6.1.7	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with vibrating roller	C.Y.	\$3.25
6.2.1	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 150' haul, dozer	C.Y.	\$3.67
6.2.2	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 150' haul	C.Y.	\$4.21
6.2.3	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 150' haul	C.Y.	\$6.68
6.2.4	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 300' haul, dozer	C.Y.	\$8.11
6.2.5	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 300' haul	C.Y.	\$9.49
6.2.6	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 300' haul	C.Y.	\$11.35
6.2.7	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 150' haul, dozer	C.Y.	\$3.04
6.2.8	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 150' push	C.Y.	\$3.52

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
6.2.9	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 150' push	C.Y.	\$5.58
6.2.10	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 300' haul, dozer	C.Y.	\$5.84
6.2.11	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 300' push	C.Y.	\$6.71
6.2.12	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 300' push	C.Y.	\$10.64
6.2.13	Excavating, structural, bank measure, common earth, 1 C.Y. bucket, hydr. backhoe	C.Y.	\$15.30
6.2.14	Excavating, bulk, 1 C.Y. capacity = 75 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	\$2.07
6.2.15	Excavating, bulk, 1-1/2 C.Y. cap. = 100 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	\$1.88
6.2.16	Excavating, bulk, 2 C.Y. cap. = 130 C.Y./hour, backhoe, hydraulic, crawler mounted	C.Y.	\$1.63
6.2.17	Excavating, trench, common earth, 1' to 4' deep, 1/2 C.Y. cap., tractor loader/backhoe	C.Y.	\$6.28
6.2.18	Excavating, trench, 4' to 6' deep, 5/8 C.Y. bucket, hydraulic backhoe	C.Y.	\$5.87
6.2.19	Excavating, trench, 4' to 6' deep, 3/4 C.Y. bucket, expose pipe, hydraulic backhoe	C.Y.	\$5.09
6.2.20	Excavating, trench, 6' to 10' deep, 3/4 C.Y. bucket, hydraulic backhoe	C.Y.	\$6.80
6.2.21	Excavating, trench, 6' to 10' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	\$4.14
6.2.22	Excavating, trench, 10' to 14' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	\$4.59
6.3.2	Excavation-Rock, drilling, blasting, hauling away 4 mi RT, >225 C.Y.	C.Y.	\$39.84
6.3.4	Drilling & blasting rock- open face (min. 225 C.Y., max. 1500 C.Y.)	C.Y.	\$12.41
6.3.5	Drilling & blasting rock- w/ blasting mats (min. 175 C.Y., max. 1500 C.Y.)	C.Y.	\$15.48
6.3.6	Drilling & blasting rock-deep hole method (min. 50 C.Y., max. 1500 C.Y.)	C.Y.	\$49.31
6.3.7	Drilling & blasting rock-restricted areas (min. 13 C.Y., max. 1500 C.Y.)	C.Y.	\$185.67
6.3.8	Drilling & blasting rock- boulders, drilled and blasted (min. 100 C.Y.)	C.Y.	\$25.68
6.3.9	Excavation-Rock, ripped w/ dozer	C.Y.	\$21.27
6.5.0	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer, 6" deep, 300' haul	C.Y.	\$3.44
6.5.1	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer, 6" deep, 200' haul	C.Y.	\$2.07
6.5.2	Loam or topsoil, F.E. loader, remove, stockpile on site, spread frm pile to rough grade	C.Y.	\$4.04
6.5.3	Topsoil stripping and stockpiling, topsoil, clay, dry and soft, adverse conditions, 200 H.P. dozer	C.Y.	\$2.25
6.5.4	Topsoil stripping and stockpiling, clay, dry and soft, ideal conditions, 200 H.P. dozer	C.Y.	\$1.11
6.5.5	Stripping, topsoil, sandy loam, adverse cond., 200 H.P. dozer, stripping and stockpile	C.Y.	\$1.55
6.5.6	Stripping, topsoil, sandy loam, ideal conditions, 200 H.P. dozer, stripping & stockpile	C.Y.	\$0.79
6.6.0	Compaction, structural, 5 tons, steel wheel tandem roller	Hr.	\$79.03
6.6.1	Compaction, structural, 10 tons, steel wheel tandem roller	Hr.	\$93.01
6.6.2	Compaction, structural, common fill, 8" lifts, sheepsfoot or wobbly wheel roller	C.Y.	\$1.33
6.6.3	Compaction, structural, common fill, 8" lifts, vibratory plate	C.Y.	\$1.99
6.7.1	Leaching Camber - material cost only	L.F.	\$12.04
6.7.2	Distribution box - concrete, 5-7 outlets, excludes excavation or piping	Ea.	\$148.91
6.7.3	Crushed stone for trench, 3/4", excludes excavation, piping & fabric	C.Y.	\$30.04
6.7.4	Pipe - PVC, Perforated, 4" diameter, SDR 35, excludes excavation or backfill	L.F.	\$2.75

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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                                  **L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
6.7.5	Excavate trench for disposal field, 4' wide, w/ backhoe	L.F.	\$2.32
6.7.6	Infiltration Chamber- excav., chamber, stone, pipe, geotextile & backfill included	L.F.	\$30.63
6.8.0	Soil testing, Hydrometer analysis	Ea.	\$120.00
6.8.1	Soil testing, Specific gravity	Ea.	\$48.00
6.8.2	Soil testing, Sieve analysis, washed	Ea.	\$60.00
6.8.3	Soil testing, Moisture content	Ea.	\$10.00
6.8.4	Soil testing, Atterberg limits, liquid and plastic limits	Ea.	\$65.00
6.8.5	Soil testing, permeability, variable or constant head, undisturbed	Ea.	\$250.00
6.8.6	Soil testing, Proctor compaction, 4" standard mold	Ea.	\$135.00
6.8.7	Soil testing, Proctor compaction, 6" modified mold	Ea.	\$75.00
6.8.9	Subsurface investigation, test pits, loader/backhoe, heavy soil	C.Y.	\$62.02
6.8.11	Subsurface investigation, test pits, loader/backhoe, light soil	C.Y.	\$44.44
6.8.12	Testpits for Manure Storage, approx. 4 pits	L.S.	\$839.27
6.8.13	Soil Testing, waste storage pond-classification & permeability	EA.	\$880.00
6.8.14	Soil testing, permeability test, double ring infiltrometer	Ea.	\$550.00
6.9.0	Backhoe (rented), 40-45 Hp, 1/2 CY Capacity, w/ operator	HR.	\$79.24
6.9.1	Backhoe (rented), Large, 100 Hp, 3/4 C.Y. Capacity, w/ operator	HR.	\$85.47
6.9.2	Dozer (rented), Small - Finish Work, 75 Hp, w/ operator	HR.	\$98.32
6.9.3	Dozer (rented), Medium, 105 Hp, w/ operator	HR.	\$117.68
6.9.4	Dozer (rented), Medium, 140 Hp, w/ operator	HR.	\$134.97
6.9.5	Dozer (rented), Large, 200 Hp, w/ operator	HR.	\$192.38
6.9.6	Excavator (rented), Small, 1/2 CY Bucket, w/ operator	HR.	\$101.79
6.9.7	Excavator (rented), Medium, 1.0 CY Bucket, w/ operator	HR.	\$133.61
6.9.8	Excavator (rented), Large, 1.5 CY Bucket, w/ operator	HR.	\$160.58
6.9.10	Excavator (rented), Medium, 3/4 CY Bucket, w/ operator	HR.	\$125.31
6.9.11	Skid Steer Loader (rented), Large, 78 Hp, 1.0 C.Y. Capacity, w/ operator	HR.	\$76.65
6.9.12	Dump Truck (rented), tandum axle, 12 ton capacity, w/ operator	HR.	\$79.91
6.9.13	Dump Truck (rented), tri-axle, 12 ton capacity, w/ operator	HR.	\$100.94
6.9.14	Dump Truck (rented), off-road, 25 ton capacity, w/ operator	HR.	\$182.55
6.9.15	Tandum Dump Truck, hired	HR.	\$65.00
6.9.16	Smooth Drum Vibratory Roller (rented), 125 h.p., w/ operator	HR.	\$137.05
6.9.17	Sheepsfoot Vibratory Roller (rented), 200 h.p., w/ operator	HR.	\$178.54
6.10.1	Mob. or demob. dozer, loader, backhoe or excavator, 70 H.P. to 250 H.P., up to 50 mi.	Ea.	\$230.65
6.10.2	Mob. or demob., dozer, loader, backhoe or excavator, above 250 H.P., up to 50 miles	Ea.	\$382.54
6.10.3	Mobilization or demobilization, for small equipment on flatbed trailer, maximum	Ea.	\$157.51
6.11.1	Dewatering, pumping, 8 hr., attended 2 hours per day, 2" diaphragm pump	Day	\$137.39

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

**Unit Definitions:**    **S.Y.** (Square Yards),    **M.S.F.** ( 1,000 Square Feet),    **S.F.** (Square Feet),    **L.F.** (Linear Feet),    **C.Y.** (Cubic Yard),    **EA.** (Each),    **HR.** (Hour),  
**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
6.11.2	Dewatering, pumping, 8 hr., attended 8 hours per day, 2" diaphragm pump	Day	\$549.44
6.12.1	Bedding, for pipe and conduit, crushed or screened bank run gravel, exc. compaction	C.Y.	\$31.90
6.12.2	Fill by borrow and utility bedding, for pipe and conduit, crushed stone, 3/4" to 1/2", excludes compaction	C.Y.	\$44.44
6.12.3	Fill by borrow and utility bedding, for pipe and conduit, sand, dead or bank, excludes compaction	C.Y.	\$17.52
6.12.4	Fill by borrow and utility bedding, for pipe and conduit, compacting bedding in trench	C.Y.	\$4.41
6.13.1	Labor, unskilled	HR.	\$15.00
6.13.2	Labor, unskilled w/ chainsaw	HR.	\$20.00
7.1.2	Fence, Electric, 2 strand (Non High Tensile)	L.F.	\$1.29
7.1.4	Fence, Wood, 3 board	L.F.	\$6.50
7.1.6	Fence, Barbed Wire, 3 strand	L.F.	\$2.30
7.1.7	Fence, Barbed Wire, 4 strand	L.F.	\$2.80
7.1.9	Fence, High Tensile, 2 strand	L.F.	\$1.25
7.1.10	Fence, High Tensile, 3 strand	L.F.	\$1.50
7.1.11	Fence, High Tensile, 4 strand	L.F.	\$1.89
7.1.12	Fence, High Tensile, 5 strand	L.F.	\$2.07
7.1.13	Fence, High Tensile, 6 strand	L.F.	\$3.25
7.1.15	Fence, Woven Wire (Pagewire) 4ft	L.F.	\$4.50
7.1.16	Fencing, 19 ga.Stainless Steel Wire, Portable Fencing	L.F.	\$0.05
7.1.17	Fencing, Deer Net, 8ft	L.F.	\$0.65
7.1.18	Fencing, Poly Net (sheep & chickens)	L.F.	\$1.28
7.1.19	Fencing, Poly Wire	L.F.	\$0.04
7.1.20	Fencing, Ribbon Type (horses)	L.F.	\$0.14
7.1.21	Fence, Electric, portable polywire or tape w/ posts	L.F.	\$0.26
7.1.22	Brace, Corner Type, Fence	EA.	\$132.00
7.1.23	Brace, End Type, Fence	EA.	\$79.00
7.1.24	Charger, Fence, > 2000ft	EA.	\$550.00
7.1.25	Charger, Fence, 12V Solar Powered	EA.	\$500.00
7.1.26	Post, Fence, Cedar 6 ft	EA.	\$2.50
7.1.27	Post, Fence, Pressure Treated 4x4x8	EA.	\$12.50
7.1.28	Fencing, Steel Braided Flexible Wire	L.F.	\$0.17
7.1.29	Fence, Lock Link Woven Wire, w/ offset & top electric	L.F.	\$4.50
7.1.30	Handle for Gate	EA.	\$8.00
7.1.31	Post Hole Digging	EA.	\$3.15
7.1.32	Fence, Chain Link, 5' high, 1 5/8" posts 10' o.c.	L.F.	\$8.47
7.1.33	Fence, Chain Link, 6' high, 1 5/8" posts 10' o.c.	L.F.	\$12.37
7.1.34	Post, Portable	EA.	\$3.00

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

**Unit Definitions:**    **S.Y.** (Square Yards),    **M.S.F.** ( 1,000 Square Feet),    **S.F.** (Square Feet),    **L.F.** (Linear Feet),    **C.Y.** (Cubic Yard),    **EA.** (Each),    **HR.** (Hour),  
**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
7.2.1	Gate, Fence, light duty	L.F.	\$14.75
7.2.2	Gate, Fence, heavy duty	L.F.	\$17.63
7.2.3	Gate, Fence, Panel Type	EA.	\$175.00
7.2.4	Gate, Fence, Spring Type, 2 Wire	EA.	\$35.00
10.1.1	Geotextile (non-woven)	S.Y.	\$1.45
10.1.3	Geotextile (woven)	S.Y.	\$1.45
10.1.4	Geotextile - Non Woven (drainage), small areas	S.Y.	\$1.51
10.2.2	Geojute (erosion control netting)	S.Y.	\$1.31
10.2.3	Straw Erosion Control Mat	S.Y.	\$1.44
10.3.3	Liner, pond, LLDPE, 40 mil., includes geotextile, up to two boots, field welding, typ. prep. work	S.F.	\$0.85
10.3.4	Liner, pond, LLDPE, 40 mil., incl. sand cushion, geotextile, liner & inst.	S.F.	\$1.30
10.4.0	Synthetic erosion control, plastic netting, 20 mil, 2" x 1" mesh, stapled	S.Y.	\$0.84
10.4.1	Synthetic erosion control, silt fence, polypropylene, adverse conditions, 3' high	L.F.	\$1.00
10.4.2	Synthetic erosion control, silt fence, polypropylene, ideal conditions, 3' high	L.F.	\$0.69
10.5.0	Compost cover	S.Y.	\$1.34
11.1.0	Wall Insulation, Rigid, expanded polystyrene, 1" thick, R3.85	S.F.	\$0.68
11.1.1	Wall Insulation, Rigid, expanded polystyrene, 2" thick, R7.69	S.F.	\$1.17
11.1.2	Wall Insulation, Rigid, expanded polystyrene, 3" thick, R11.49	S.F.	\$1.38
12.1.1	Lane, 8' wide, strip, geotextile fabric, 8" gravel, seeding - incl. Mob.	L.F.	\$15.56
12.1.3	Lane, 8' wide, strip, geotextile fabric, 12" gravel, seeding - incl. Mob.	L.F.	\$18.27
12.1.5	Walkway, 4' wide, strip, geotextile fabric, 8" stone.	L.F.	\$9.03
12.3.1	Lane, 12' wide, strip, geotextile fabric, 8" gravel, seeding - incl. Mob.	L.F.	\$17.66
12.3.2	Lane, 12' wide, strip, geotextile fabric, 12" gravel, seeding - incl. Mob.	L.F.	\$21.13
12.3.3	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed & Mob.	L.F.	\$20.67
12.3.4	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed.	L.F.	\$20.20
12.3.5	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 18" gravel, seed & Mob.	L.F.	\$25.87
12.3.6	Access Road, 12' wide w/ 1' sholders, strip, fabric, 18" gravel, seed.	L.F.	\$25.41
12.3.7	Access Road, 16' wide, strip, geotextile fabric, 12" gravel, seed - incl. Mob.	L.F.	\$27.18
12.3.8	Access Road, 16' wide, strip, geotextile fabric, 12" gravel & seed.	L.F.	\$26.72
12.3.9	Access Road, 16' wide, strip, geotextile fabric, 18" gravel, seed - incl. Mob.	L.F.	\$34.11
12.3.10	Access Road, 16' wide, strip, geotextile fabric, 18" gravel & seed	L.F.	\$33.65
13.1.1	Horizontal boring, 24" diameter casing, includes casing only, 100' min., exc. pits	L.F.	\$284.52
13.1.2	Horizontal boring, 36" diameter casing, includes casing only, 100' min., exc. pits	L.F.	\$388.31
13.1.4	Horizontal boring, 48" diameter casing, includes casing only, 100' min., exc. pits	L.F.	\$474.46
13.1.5	For Ledge, horizontal boring, 100' minimum, ADD	L.F.	\$197.89
14.1.3	8" CMP, galvanized uncoated, 20' lengths, 16 ga.,excludes excavation and backfill	L.F.	\$10.90



## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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**L.C.Y.** (100 Cubic Yards),   **V.F.** (Vertical Feet),   **B.F.** (Board Feet),   **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
14.1.4	10" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	\$12.49
14.1.5	12" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	\$14.80
14.1.7	18" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	\$21.72
14.1.8	24" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	\$30.04
14.1.10	30" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	\$40.78
14.1.12	36" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	\$59.77
14.1.13	48" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	\$78.12
14.1.14	60" CMP, galvanized uncoated, 20' lengths, 10 ga., excludes excavation and backfill	L.F.	\$125.78
16.1.0	Pipe, Corrugated Plastic Tubing, single wall, perforated, 4", material cost only	L.F.	\$0.46
16.1.1	Pipe, Corrugated Plastic Tubing, single wall, perforated, 6", material cost only	L.F.	\$1.19
16.1.2	Pipe, Corrugated HDPE, Dbl Wall, 6", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$2.84
16.1.3	Pipe, Corrugated HDPE, Dbl Wall, 8", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$4.27
16.1.4	Pipe, Corrugated HDPE, Dbl Wall, 10", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$6.05
16.1.5	Pipe, Corrugated HDPE, Dbl Wall, 12", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$6.49
16.1.6	Pipe, Corrugated HDPE, Dbl Wall, 15", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$8.86
16.1.7	Pipe, Corrugated HDPE, Dbl Wall, 18", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$13.69
16.1.8	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$20.65
16.1.10	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$32.14
16.1.12	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$39.96
16.1.13	Pipe, Corrugated HDPE, Dbl Wall, 48", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$67.26
16.2.0	Pipeline, Black Poly, 3/4", 100 psi, material cost only	L.F.	\$0.25
16.2.1	Pipeline, Black Poly, 3/4", 160 psi, material cost only	L.F.	\$0.50
16.2.2	Pipeline, Black Poly, 1", 100 psi, material cost only	L.F.	\$0.35
16.2.3	Pipeline, Black Poly, 1", 160 psi, material cost only	L.F.	\$0.71
16.2.4	Pipeline, Black Poly, 1-1/4", 160 psi, material cost only	L.F.	\$1.40
16.2.5	Pipeline, Black Poly, 1-1/2", 160 psi, material cost only	L.F.	\$1.30
16.2.6	Pipeline, Black Poly, 2", 160 psi, material cost only	L.F.	\$2.07
16.2.8	Clamp, Stainless Steel, 3/4"	EA.	\$0.99
16.2.9	Trench, shallow for buried pipeline (installed w/ plow or back blade)	L.F.	\$0.50
17.1.5	Pipe, PVC, SDR 35, 4" Dia., Material cost only (Local cost)	L.F.	\$1.26
17.1.6	Pipe, PVC, SDR 35, 6" Dia., Material cost only (Local cost)	L.F.	\$2.87
17.1.7	Pipe, PVC, SDR 35, 8" Dia., Material cost only (Local cost)	L.F.	\$4.88
17.1.8	Pipe, PVC, SDR 35, 10" Dia., Material cost only (Local cost)	L.F.	\$7.67
17.1.9	Pipe, PVC, SDR 35, 12" Dia., Material cost only (Local cost)	L.F.	\$8.33
17.1.10	Pipe, PVC, SDR 35, 15" Dia., Material cost only (Local cost)	L.F.	\$14.96
17.1.15	Pipe, PVC, SDR 35, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$7.71



## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
17.1.16	Pipe, PVC, SDR 35, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$10.03
17.1.17	Pipe, PVC, SDR 35, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$12.03
17.1.18	Pipe, PVC, SDR 35, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$14.82
17.1.19	Pipe, PVC, SDR 35, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$16.19
17.1.20	Pipe, PVC, SDR 35, 15" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$22.82
17.2.2	Pipe, PVC, SCH. 40, 2" Dia., Material cost only (Local cost)	L.F.	\$0.83
17.2.3	Pipe, PVC, SCH. 40, 3" Dia., Material cost only (Local cost)	L.F.	\$1.70
17.2.4	Pipe, PVC, SCH. 40, 4" Dia., Material cost only (Local cost)	L.F.	\$2.37
17.2.5	Pipe, PVC, SCH. 40, 6" Dia., Material cost only (Local cost)	L.F.	\$4.22
17.2.6	Pipe, PVC, SCH. 40, 8" Dia., Material cost only (Local cost)	L.F.	\$6.53
17.2.7	Pipe, PVC, SCH. 40, 10" Dia., Material cost only (Local cost)	L.F.	\$10.88
17.2.8	Pipe, PVC, SCH. 40, 12" Dia., Material cost only (Local cost)	L.F.	\$15.07
17.2.10	Pipe, PVC, SDR 26, 2" Dia., Material cost only (Local cost)	L.F.	\$0.75
17.2.11	Pipe, PVC, SDR 26, 3" Dia., Material cost only (Local cost)	L.F.	\$1.54
17.2.12	Pipe, PVC, SDR 26, 4" Dia., Material cost only (Local cost)	L.F.	\$2.82
17.2.13	Pipe, PVC, SDR 26, 6" Dia., Material cost only (Local cost)	L.F.	\$5.84
17.2.14	Pipe, PVC, SDR 26, 8" Dia., Material cost only (Local cost)	L.F.	\$6.93
17.2.15	Pipe, PVC, SDR 26, 10" Dia., Material cost only (Local cost)	L.F.	\$11.09
17.2.16	Pipe, PVC, SDR 26, 12" Dia., Material cost only (Local cost)	L.F.	\$14.80
17.2.17	Pipe, PVC, SDR 26, 16" Dia., Material cost only (Local cost)	L.F.	\$17.92
17.2.22	Pipe, PVC, SCH 40, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$7.28
17.2.23	Pipe, PVC, SCH 40, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$8.15
17.2.24	Pipe, PVC, SCH 40, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$8.83
17.2.25	Pipe, PVC, SCH 40, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$11.38
17.2.26	Pipe, PVC, SCH 40, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$13.69
17.2.27	Pipe, PVC, SCH 40, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$18.04
17.2.28	Pipe, PVC, SCH 40, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$22.93
17.2.30	Pipe, PVC, SDR 26, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$7.20
17.2.31	Pipe, PVC, SDR 26, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$8.00
17.2.32	Pipe, PVC, SDR 26, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$9.28
17.2.33	Pipe, PVC, SDR 26, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$12.99
17.2.34	Pipe, PVC, SDR 26, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$14.09
17.2.35	Pipe, PVC, SDR 26, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$18.24
17.2.36	Pipe, PVC, SDR 26, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$22.65
17.2.37	Pipe, PVC, SDR 26, 16" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5 ' depth)	L.F.	\$25.77
17.3.0	Ball Valve, Socket, 1-1/2", PVC	EA.	\$24.59

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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**L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
17.3.1	Ball Valve, Socket, 2", PVC	EA.	\$32.63
17.3.2	Ball Valve, True Union, Socket, 1-1/2"	EA.	\$81.57
17.3.3	Ball Valve, True Union, Socket, 2"	EA.	\$114.31
17.3.5	Ball Valve, True Union, Socket, 3"	EA.	\$269.12
17.3.6	Ball Valve, 3 Way, True Union, Socket, 1-1/2"	EA.	\$159.99
17.3.7	Ball Valve, 3 Way, True Union, Socket, 2"	EA.	\$197.90
17.4.0	Headwall & Rodent Guard, 4"-8" pipe	EA.	\$70.03
18.1.0	Steel Pipe, 2" dia., SCH 40, material cost only	L.F.	\$7.05
18.1.1	Steel Pipe, 3" dia., SCH 40, material cost only	L.F.	\$11.91
18.1.2	Steel Pipe, 4" dia., SCH 40, material cost only	L.F.	\$15.72
18.1.3	Steel Pipe, 6" dia., SCH 40, material cost only	L.F.	\$28.59
18.1.4	Pipe, steel, black, welded, 2" diameter, schedule 40, Welded	L.F.	\$19.48
18.1.5	Pipe, steel, black, welded, 3" diameter, schedule 40, Welded	L.F.	\$29.73
18.1.6	Pipe, steel, black, welded, 4" diameter, schedule 40, Welded	L.F.	\$36.65
18.1.7	Pipe, steel, black, welded, 6" diameter, schedule 40, Welded	L.F.	\$61.63
18.2.0	16" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	\$59.64
18.2.1	16" dia. Elbow, Steel, 15 or 30 deg., MATERIAL COST ONLY	EA.	\$320.17
18.2.3	16" dia. Elbow, Steel, 45 deg., MATERIAL COST ONLY	EA.	\$418.53
18.2.4	16" dia. Elbow, Steel, 60 deg long radius., MATERIAL COST ONLY	EA.	\$638.25
18.2.5	Guillotine Safety Valve, 16" dia. , material cost only	EA.	\$2,275.37
18.2.6	Guillotine Safety Valve, 12" dia. , material cost only	EA.	\$2,206.79
18.2.7	Guillotine Safety Valve, 8" dia. , material cost only	EA.	\$977.05
18.2.8	Guillotine Safety Valve, 6" dia. , material cost only	EA.	\$884.40
18.2.9	16" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	\$112.91
18.2.10	6" Reception pit 2 valve system, for PTO type pump, riser, valves, flex hose, elbow, clamps	EA.	\$2,567.77
18.3.0	24" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	\$110.70
18.3.1	24" dia. Elbow, Steel, long radius 90 deg., MATERIAL COST ONLY	EA.	\$1,321.50
18.3.2	24" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	\$181.12
18.3.3	30" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	\$196.77
18.4.0	30" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	\$124.31
18.4.1	30" dia. Elbow, Steel, long radius 90 deg., MATERIAL COST ONLY	EA.	\$1,512.98
20.1.1	Rip-rap and rock lining, random, broken stone, machine placed for slope protection	C.Y.	\$46.13
20.1.2	Rip-rap, random, broken stone, 18" min. thickness, machine placed slope protection	S.Y.	\$74.11
20.1.4	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 9" deep	S.Y.	\$44.13
20.1.5	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 12" deep	S.Y.	\$48.08
20.1.6	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 18" deep	S.Y.	\$69.83

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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                                  **L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
20.1.7	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 36" deep	S.Y.	\$108.67
20.2.0	Tree Revetment, <20 ft length, single row	L.F.	\$8.74
20.2.1	Tree Revetment, <20 ft length, double row	L.F.	\$19.03
20.2.2	Tree Revetment, <20 ft length, double row, w/ live stakes/cuttings	L.F.	\$21.34
20.2.3	Live Stakes, installed	EA.	\$2.99
20.2.4	Facines/Wattles, installed	L.F.	\$4.98
20.2.5	Joint Plantings, installed	EA.	\$4.12
20.2.6	6" Duckbill Anchors, material cost only	EA.	\$9.92
20.2.7	1/4" Clamp, material cost only	EA.	\$0.32
20.2.8	1/4" Aircraft Cable, material cost only	L.F.	\$0.42
20.2.9	Swaging Tool, material cost only	EA.	\$194.37
20.2.10	Duckbill Anchor, 9ft Cable & 4 Clamps (1 Unit), material cost only	EA.	\$14.97
20.2.11	Lunker Boxes, installed	EA.	\$257.11
20.2.12	Stream Barb/Rock Vein	C.Y.	\$56.56
21.1.0	Aluminum gutters, stock units, plain, 5" box, .027" thick	L.F.	\$4.17
21.1.1	Aluminum gutters, stock units, plain, 5" box, .032" thick	L.F.	\$5.46
21.2.0	Roof Structure - hoop type, truss arch w/ fabric. Installed	S.F.	\$8.01
21.2.1	Roof Structure - pole type w/ wood truss & metal roof. Installed	S.F.	\$10.06
22.2.0	Manhole, Precast, 4' dia, Cover, delivered, excav. not incl.	EA.	\$165.67
22.2.1	Manhole, Precast, 4' dia, Section, delivered, excav. not incl.	L.F.	\$89.48
22.2.2	Manhole, Precast, 4' dia, Base, delivered, excav. not incl.	EA.	\$132.95
22.3.0	Manhole, Precast, 5' dia, Cover, delivered, excav. not incl.	EA.	\$319.58
22.3.1	Manhole, Precast, 5' dia, Section, delivered, excav. not incl.	L.F.	\$150.84
22.3.2	Manhole, Precast, 5' dia, Base, delivered, excav. not incl.	EA.	\$248.00
22.4.0	Manhole, Precast, 6' dia, Cover, delivered, excav. not incl.	EA.	\$575.25
22.4.1	Manhole, Precast, 6' dia, Section, delivered, excav. not incl.	L.F.	\$204.53
22.4.2	Manhole, Precast, 6' dia, Base, delivered, excav. not incl.	EA.	\$403.95
22.5.0	Well tile, Precast, 3' dia, Base, delivered, excav. not incl.	EA.	\$86.93
22.5.1	Well tile, Precast, 3' dia, Cover, delivered, excav. not incl.	EA.	\$94.60
22.5.2	Well tile, Precast, 3' dia, Section, delivered, excav. not incl.	L.F.	\$79.26
22.6.1	Catchbasin, Precast Concrete, 2' square or round, cast grate, 6' deep, excav. not incl.	EA.	\$882.04
23.1.0	Lumber, pressure treated , 2" x 10"	M.B.F.	\$977.82
23.1.1	Lumber, pressure treated , 2" x 12"	M.B.F.	\$1,316.30
23.1.2	Lumber, pressure treated , 2" x 4"	M.B.F.	\$1,109.45
23.1.3	Lumber, pressure treated , 2" x 6"	M.B.F.	\$1,009.16
23.1.4	Lumber, pressure treated , 2" x 8"	M.B.F.	\$990.36

## Vermont 2008 Component Cost Data (Bellows Falls Zip Code Area 051)

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**L.C.Y.** (100 Cubic Yards),   **V.F.** (Vertical Feet),   **B.F.** (Board Feet),   **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
23.1.5	Lumber, pressure treated , 4" x 4"	M.B.F.	\$1,410.32
23.1.6	Lumber, pressure treated , 4" x 6"	M.B.F.	\$1,535.68
23.1.7	Lumber, pressure treated , 4" x 8"	M.B.F.	\$1,535.68
23.1.8	Lattice, pressure treated, HD, installed	S.F.	\$1.11
23.2.0	Lumber, pressure treated, 6" x 6"	B.F.	\$1.45
23.2.1	Lumber, pressure treated, 8 "x 8"	B.F.	\$1.92
23.5.1	Hopper Building, wood structure, no conc., metal roof, window, exhaust fan.	Ea.	\$4,407.37
23.5.2	Hopper Building, w/ slab, frost wall, windows, metal roof & exhaust fan	S.F.	\$64.38
23.5.3	Hopper Bldg Exhaust Fan, 800 cfm, 1/12 h.p.	Ea.	\$444.09
23.5.7	Water Tank Valve, w/ mounting brackets	EA.	\$44.25
24.1.6	Pipe, HDPE 24" WATER TIGHT - installed w/ clean stone envelope	L.F.	\$56.82
24.1.12	Pipe, HDPE 30" WATER TIGHT - installed w/ clean stone envelope	L.F.	\$71.37
24.1.16	Pipe, HDPE 36" WATER TIGHT - installed w/ clean stone envelope	L.F.	\$81.90
24.1.23	Elbow, HDPE 24" WATER TIGHT - material cost only	EA.	\$349.48
24.1.24	Elbow, HDPE 30" WATER TIGHT - material cost only	EA.	\$742.54
24.1.25	Elbow, HDPE 36" WATER TIGHT - material cost only	EA.	\$1,232.53
24.1.26	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, WATER TIGHT, material cost only	L.F.	\$22.53
24.1.27	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, WATER TIGHT, material cost only	L.F.	\$35.08
24.1.28	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, WATER TIGHT, material cost only	L.F.	\$43.60
24.1.29	Elbow, HDPE 24" WATER TIGHT - installed w/ clean stone backfill	E.A.	\$782.94
24.1.30	Elbow, HDPE 30" WATER TIGHT - installed w/ clean stone backfill	E.A.	\$1,314.59
24.1.31	Elbow, HDPE 36" WATER TIGHT - installed w/ clean stone backfill	E.A.	\$1,917.89
24.3.1	Manure Pump, Agitator/Unload, trailer type, PTO type	EA.	\$18,047.90
24.3.4	Manure Pump, Agitator/Unload, vertical wall type, 3pt hitch, PTO type	EA.	\$11,104.04
24.3.5	Manure Pump, Auger, w/ electric motor	EA.	\$6,623.29
24.3.6	Manure Pump, 4" Electric, liquid manure only, w/ 10hp motor, use 6" transfer pipe, inc. wiring	EA.	\$9,827.31
24.4.1	Manure, Elevator, 40ft, suspended, inc. wiring, no concrete	EA.	\$11,604.17
24.5.1	Manure Pump, Air System	EA.	\$24,273.36
24.5.3	Manure Pump, Hollow Piston Type-slurry manure, no conc. work , inc. wiring	EA.	\$18,493.29
24.5.4	Manure Agitator, propeller w/ 10 hp electric motor, includes wiring	EA.	\$7,148.72
24.5.7	Manure Pump, Solid Piston Type-solid manure, no conc. work , inc. wiring	EA.	\$21,481.94
24.6.0	Septic Tank, Precast, 1000gal, excav. not incl.	EA.	\$1,102.43
24.6.1	Septic Tank, Precast, 1500gal, excav. not incl.	EA.	\$1,508.42
24.6.2	Septic Tank, Precast, 2000gal, excav. not incl.	EA.	\$2,275.42
24.6.3	Septic Tank, Precast, Heavy Duty-drive on, 1000gal, excav. not incl.	EA.	\$3,553.74
24.6.4	Septic Tank, Precast, Heavy Duty-drive on, 1500gal, excav. not incl.	EA.	\$4,295.17

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                                  **L.C.Y.** (100 Cubic Yards),    **V.F.** (Vertical Feet),    **B.F.** (Board Feet),    **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
24.6.5	Septic Tank, Precast, Heavy Duty-drive on, 2000gal, excav. not incl.	EA.	\$5,113.30
24.6.6	Grease Trap, 1000gal, no exc. or bkfill, w/ 8" effluent filter	EA.	\$1,482.86
24.6.7	Pump Station, Precast, 1000gal, excav. not incl., 1/2hp sewage pump included	EA.	\$2,735.62
24.6.8	Pump Station, Precast, heavy duty-drive on, 1000gal, excav. not incl., no pump	EA.	\$3,604.88
24.6.9	Pump Station, Precast, heavy duty-drive on, 1500gal, excav. not incl., no pump	EA.	\$4,423.00
24.6.10	Pump Station, Precast, heavy duty-drive on, 2000gal, excav. not incl, no pump	EA.	\$5,164.43
24.6.11	Pump Station, Precast, 1000gal, excav. not incl., no pump	EA.	\$1,383.66
24.6.12	Septic Tank, Precast, 3000gal, excav. not incl.	EA.	\$3,157.46
24.7.2	Sewage Pump, 2" solids handling, 1.5 - 2hp	EA.	\$2,143.49
24.7.3	Sewage Pump, 3" Agitator Type, vertical shaft, 3 - 5hp motor, includes wiring	EA.	\$4,318.77
24.7.4	Sewage Pump, 2" solids handling, 0.5 - 1hp	EA.	\$1,890.39
24.7.5	Sewage Pump, 3" solids handling, 3hp	EA.	\$4,055.87
24.7.7	Sewage Pump, 2" solids handling, stainless steel, 0.5 - 1hp	EA.	\$1,890.39
24.7.8	Silage Leachate Screen	EA.	\$139.79
24.7.9	Silage Leachate Orifice	EA.	\$82.79
24.7.11	Hydraulic Transfer Pump	EA.	\$2,207.76
24.8.1	Infiltration trench - excav., stone, pipe, geotextile & backfill included	L.F.	\$18.59
24.9.0	Safety Grate-6' diam. , 4" steel pipe	Ea.	\$1,696.68
24.12.0	Pushoff Safety Stop - 8' width, 4" steel pipe, 4" posts	EA.	\$1,046.11
24.12.1	Safety Signs, Structure or Hopper	EA.	\$31.28
24.12.2	Safety Signs, Structure, attached to fence	EA.	\$26.00
25.1.0	Hydrant, Frost Free - installed	EA.	\$247.00
25.1.1	Hydrant, Frost Free Hydrant - material cost only	EA.	\$122.00
25.1.2	Float Valve Assembly - not installed	EA.	\$25.00
25.1.3	"T" Post, 8' galvanized	EA.	\$8.50
25.1.4	Remove old Fenceline (3-6' wide)	L.F.	\$1.50
25.2.2	3/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$6.54
25.2.3	1" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$6.78
25.2.4	1 1/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$7.58
25.2.5	1 1/2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$7.46
25.2.6	2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$8.35
25.3.0	Water Stock Tank, Galvanized Steel- 103 Gallon	EA.	\$85.00
25.3.1	Water Facility -1000 gal water tank not installed	EA.	\$550.00
25.3.2	Water Facility, 15 gal., insulated	EA.	\$560.00
25.3.3	Water Facility, 20 gal., insulated	EA.	\$700.00
25.3.4	Water Stock Tank, Galvanized Steel- 294 Gallon	EA.	\$200.00

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**L.C.Y.** (100 Cubic Yards),   **V.F.** (Vertical Feet),   **B.F.** (Board Feet),   **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	051
25.3.5	Water Stock Tank, Galvanized Steel- 70 Gallon	EA.	\$85.00
25.3.6	Water Stock Tank, Galvanized Steel- 169 Gallon	EA.	\$110.00
25.3.7	Water Stock Tank, Galvanized Steel- 200 Gallon	EA.	\$120.00
25.3.8	Water Stock Tank, Movable 35 Gal Polyethylene Barrel, Used	EA.	\$10.00
25.3.9	Water Stock Tank, Polyethylene- 50 Gallon	EA.	\$67.00
25.3.10	Water Stock Tank, Polyethylene- 70 Gallon	EA.	\$78.00
25.3.11	Water Stock Tank, Polyethylene- 100 Gallon	EA.	\$84.00
25.3.12	Water Stock Tank, Polyethylene- 150 Gallon	EA.	\$136.00
25.3.13	Water Stock Tank, Polyethylene- 300 Gallon	EA.	\$200.00
25.4.1	Well, casing	V.F.	\$11.12
25.4.2	Well water, pumps, 1 HP, 4" submersible, 1 HP , installed in wells to 100 ft. deep	Ea.	\$689.34
25.4.3	Well water, pumps, 1 1/2 HP, 4" submersible, 1-1/2 HP , installed in wells to 100 ft. deep	Ea.	\$1,297.69
25.4.4	Well water, pumps, 2 HP, 4" submersible, 2 HP, installed in wells to 100' deep	Ea.	\$2,228.93
25.4.5	Well, drilling	V.F.	\$8.45
25.5.0	Heat Tube	EA.	\$80.00
25.5.1	Valve, Vacuum or Pressure Relief	EA.	\$17.45
25.5.2	Valve, Quick Coupler (male + female)	EA.	\$22.50
25.5.3	Coupling/Hydrant	EA.	\$33.00
25.5.4	Lead out hose	EA.	\$10.00
25.6.1	Pump, Electric, 5hp	EA.	\$300.00
25.6.2	Pump, HydroRam, 1"	EA.	\$450.00
25.6.3	Pump, HydroRam, 1-1/2"	EA.	\$300.00
25.6.4	Pump, HydroRam 2" (kit), installed	EA.	\$550.00
25.6.5	Pump, Nose Operated, Pasture (installed)	EA.	\$533.00
25.6.6	Pump, Water, Permanently Mounted	EA.	\$600.00
25.6.7	Pump, Solar, w/ 2 panels	EA.	\$1,830.00
26.1.0	Earthen Pond - incl. excavation, fence, gates, seed, pads, tile drainage (cf of waste)	C.F.	
26.1.1	Soil Lined Pond - incl. excav.,liner, fence, gates, seed, pads, tile drainage (cf of waste)	C.F.	
26.1.2	Synthetic Lined Pond-incl. excav.,liner, fence, gates, seed, pads, tile drain (cf of waste)	C.F.	
26.1.3	Circular Conc. Struct.- incl. excav., fence, gates, seed, pump pads, tile drain (cf of waste)	C.F.	
26.1.4	Glass Lined Structure- incl. minor excav., stone, concrete, tank & labor (cf of waste)	C.F.	
27.1.0	Barnyard-incl subgrade, slab, curbs, fence, gates, seed, runoff control	S.F.	
27.1.1	Apple Tree Release and Pruning (10 Trees per acre)	EA.	\$24.00
27.1.2	Brushhogging, light duty or Delayed Mowing	ACRE	\$28.00
27.1.3	Brushhogging, heavy duty	ACRE	\$52.00
27.1.6	Lunker box (installed)	EA.	\$250.00



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Number	Item	Unit	051
27.1.7	Mast Tree Release (10 Trees per Acre)	EA.	\$24.00
27.1.8	Vegetation Restoration – herbaceous plants (2" plugs)	EA.	\$2.00
27.1.9	Vegetative Restoration – wetland seeding	ACRE	\$750.00
27.1.12	Brush and Tree Cutting, manual and light mechanical (chainsaw, brushsaw, etc)	ACRE	\$460.00
27.1.13	Brush and Tree Cutting, mechanical (brontosaurus)	ACRE	\$900.00
27.1.14	Brush and Tree Cutting, post commercial harvest	ACRE	\$260.00
27.1.15	Control of Invasive Plants, 1st application (mechanical, chemical or biological)	ACRE	\$260.00
27.1.16	Control of Invasive Plants, 2nd application (mechanical, chemical or biological)	ACRE	\$160.00
27.1.17	Control of Invasive Plants, Light infestation 1st application	ACRE	\$60.00
27.1.18	Control of Invasive Plants, Light infestation 2nd application	ACRE	\$40.00
27.1.19	Forest Wildlife Habitat Improvement	ACRE	\$460.00
27.1.20	Prescribed Burning	ACRE	\$500.00
28.1.1	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' w, 6' h, inc. backfill	L.F.	\$77.99
28.1.2	Retain. walls, stone filled gabions, hwy surcharge, 3' W, 6' L, 3' H, inc. backfill	L.F.	\$148.80
28.1.3	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 9' H, inc. backfill	L.F.	\$164.26
28.1.4	Retain.walls, stone filled gabions, galv., hwy surcharge, 3' W, 9' L, 3' H, inc. backfill	L.F.	\$254.05
28.1.5	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 12' H, inc. backfill	L.F.	\$272.89
28.1.6	Retain. walls, stone filled gabions, galv., hwy surcharge, 3' W, 12' L, 3' H, inc. backfill	L.F.	\$366.65
29.1.0	Fuel Tank, steel, above grd, single wall, 275 gal, incl. cradles, coating & fittings	Ea.	\$495.72
29.1.1	Fuel Tank, steel, above grd, single wall, 550 gal, incl. cradles, coating & fittings	Ea.	\$2,782.23
29.1.2	Fuel Tank, steel, above grd, single wall, 1,000 gal, incl. cradles, coating & fittings	Ea.	\$3,395.79
29.1.3	Fuel Tank, steel, above grd, single wall, 1,500 gal, incl. cradles, coating & fittings	Ea.	\$4,922.25
29.1.4	Fuel Tank, steel, above grd, single wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	\$5,623.92
29.1.5	Fuel Tank, steel, above grd, double wall, 500 gal, incl. cradles, coating & fittings	Ea.	\$2,485.43
29.1.6	Fuel Tank, steel, above grd, double wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	\$8,616.98
29.1.7	Fuel Storage Structure 275 gal, - septic tank, posts, roof & lattice	E.A.	\$2,922.82
29.1.8	Fuel Storage Structure 500 or 550gal, - septic tank, posts, roof & lattice	E.A.	\$3,328.82
29.1.9	Fuel Storage Structure 1000gal, - septic tank, posts, roof & lattice	E.A.	\$5,185.25